

## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/724,553	11/28/2000	Peter S. Lu	020054-001130US

CONFIRMATION NO. 7232

20350  
TOWNSEND AND TOWNSEND AND CREW  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834

## FORMALITIES LETTER



\*OC00000006022311\*

Date Mailed: 04/30/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/02/2001 EABUBAK1 00000090 201430 09724553

01 FC:201 355.00 CH  
02 FC:205 65.00 CH

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

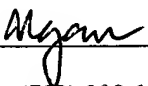
- The statutory basic filing fee is missing.  
*Applicant must submit \$ 355 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 420.**
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

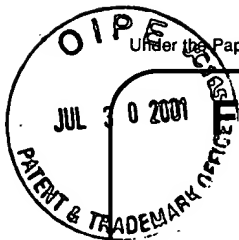
---

*A copy of this notice MUST be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (09-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FREE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 475

## Complete if Known

Application Number 09/724,553  
Filing Date November 28, 2000  
First Named Inventor Lu, Peter S.  
Examiner Name  
Group Art Unit 1646  
Attorney Docket No. 020054-001130US

TECH CENTER 1600/2900  
AUG 14 2001

RECEIVED

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																					
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 20-1430</p> <p>Deposit Account Name: Townsend and Townsend and Crew LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>65</td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td>55</td></tr><tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="5">Other fee (specify)</td><td></td></tr></tbody></table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	65	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month	55	116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify)					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																		
105	130	205	65	Surcharge - late filing fee or oath	65																																																																																																																																																																																		
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																			
139	130	139	130	Non-English specification																																																																																																																																																																																			
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																			
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																			
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																			
115	110	215	55	Extension for reply within first month	55																																																																																																																																																																																		
116	390	216	195	Extension for reply within second month																																																																																																																																																																																			
117	890	217	445	Extension for reply within third month																																																																																																																																																																																			
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																																																			
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																																																			
119	310	219	155	Notice of Appeal																																																																																																																																																																																			
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																			
121	270	221	135	Request for oral hearing																																																																																																																																																																																			
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																			
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																			
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																																																			
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																			
143	440	243	220	Design issue fee																																																																																																																																																																																			
144	600	244	300	Plant issue fee																																																																																																																																																																																			
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																			
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																			
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																			
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																			
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																			
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																			
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																			
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																			
Other fee (specify)																																																																																																																																																																																							
<p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																																																																							
<p>1. BASIC FILING FEE</p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>355</td></tr><tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr></tbody></table> <p>SUBTOTAL (1) (\$355)</p>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	355	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee																																																																																																																																																			
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																		
101	710	201	355	Utility filing fee	355																																																																																																																																																																																		
106	320	206	160	Design filing fee																																																																																																																																																																																			
107	490	207	245	Plant filing fee																																																																																																																																																																																			
108	710	208	355	Reissue filing fee																																																																																																																																																																																			
114	150	214	75	Provisional filing fee																																																																																																																																																																																			
<p>2. EXTRA CLAIM FEES</p> <table border="1"><thead><tr><th>Total Claims</th><th>Independent Claims</th><th>Multiple Dependent</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>17</td><td>3</td><td></td><td>-20**</td><td>\$9</td><td>\$0</td></tr><tr><td></td><td></td><td></td><td>-3**</td><td>\$40</td><td>\$0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr><tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims over original patent</td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr></tbody></table> <p>SUBTOTAL (2) (\$0)</p>		Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid	17	3		-20**	\$9	\$0				-3**	\$40	\$0							Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim, if not paid	109	80	209	40	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																
Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																		
17	3		-20**	\$9	\$0																																																																																																																																																																																		
			-3**	\$40	\$0																																																																																																																																																																																		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																																			
103	18	203	9	Claims in excess of 20																																																																																																																																																																																			
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																			
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																			
109	80	209	40	** Reissue independent claims over original patent																																																																																																																																																																																			
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																			
<p>**or number previously paid, if greater; For Reissues, see above</p>		<p>The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.</p> <p>*Reduced by Basic Filing Fee Paid</p> <p>SUBTOTAL (3) (\$120)</p>																																																																																																																																																																																					

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Scott L. Aussenhus	Registration No. (Attorney/Agent)	42,271
Signature		Telephone	303-571-4000
		Date	07-30-01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. DE 7043768 v1



Please type a plus sign (+) inside this box → ☒

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/724,553
Filing Date	November 28, 2000
First Named Inventor	Lu, Peter S.
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	020054001130

Total Number of Pages in This Submission 1

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard; Declaration; Power of Atty; Verified Statement Claiming Small Entity; Statement Under 37 CFR 3.73(b); Prelim. Amd; Request for Corrected Filing Receipt; Communication Under 37 CFR §§ 1.821-1.825 and Amendment with sequence listing (hard copy and disk); Sequence Submission form
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Scott L. Ausenhus	Reg No. 42,271
Signature		
Date	07-30-01	

## CERTIFICATE OF MAILING

Express Mail Label: EL 801719299 US		
I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date _____ and is addressed to:		
Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231		
Typed or printed name	Maisie C. Livengood	
Signature		Date 7-30-01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. DE 7043767 v1

RECEIVED  
AUG 14 2001

Express Mail® Label No. EL 801719299 US  
Date of Deposit: 7-30-01

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Assistant Commissioner for Patents  
Washington, DC 20231

TOWNSEND and TOWNSEND and CREW LLP

By: Maisie C. Livengood  
Maisie C. Livengood



08-01-01 #6 Receipt Box/Seq.  
PATENT  
Attorney Docket No.: 020054-001130US

RECEIVED

AUG 14 2001

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lu et al.

Application No.: 09/724,553

Filed: November 28, 2000

For: MOLECULAR INTERACTIONS IN  
HEMATOPOIETIC CELLS

Examiner:

Art Unit: 1646

REQUEST FOR CORRECTED FILING  
RECEIPT

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached is a copy of the official Filing Receipt, with a mailing date of April 30, 2001, received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested. Attached is a copy of the first page of the Official Filing Receipt showing the requested corrections in red ink.

The Domestic Priority data section should read as follows:

THIS APPLN IS A CIP OF 09/710,059 11/10/2000  
WHICH IS A CIP OF 09/688,017 10/13/2000  
WHICH IS A CIP OF 09/570,118 05/12/2000  
AND CLAIMS BENEFIT OF 60/196,460 04/11/2000  
AND CLAIMS BENEFIT OF 60/196,528 04/11/2000  
AND CLAIMS BENEFIT OF 60/196,527 04/11/2000  
AND CLAIMS BENEFIT OF 60/196,267 04/11/2000  
AND CLAIMS BENEFIT OF 60/182,296 02/14/2000

AND CLAIMS BENEFIT OF 60/176,195 01/14/2000  
AND CLAIMS BENEFIT OF 60/170,453 12/13/1999  
AND A CIP OF 09/570,364 05/12/2000  
AND A CIP OF 09/569,525 05/12/2000  
AND A CIP OF 09/547,276 04/11/2000  
WHICH CLAIMS BENEFIT OF 60/162,498 10/29/1999  
AND CLAIMS BENEFIT OF 60/160,860 10/21/1999  
AND CLAIMS BENEFIT OF 60/134,118 05/14/1999  
AND CLAIMS BENEFIT OF 60/134,117 05/14/1999  
AND CLAIMS BENEFIT OF 60/134,114 05/14/1999

Respectfully submitted,



Scott L. Ausenhus  
Reg. No. 42,271

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, California 94111-3834  
Tel: (303) 571-4000  
Fax: (303) 571-4321  
SLA/mcl

DE 7043758 v1



UNITED STATES PATENT AND TRADEMARK OFFICE

020054-001130US

SLaysehn

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/724,553	11/28/2000	1646	0.00	020054-001130US	19	17	3

 20350  
 TOWNSEND AND TOWNSEND AND CREW  
 TWO EMBARCADERO CENTER  
 EIGHTH FLOOR  
 SAN FRANCISCO, CA 94111-3834

TECH CENTER 1600/2900

AUG 14 2001

RECEIVED

CONFIRMATION NO. 7232

FILING RECEIPT



\*OC000000006022310\*

Date Mailed: 04/30/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

 Peter S. Lu, Mountain View, CA;  
 Joshua D. Rabinowitz, Mountain View, CA;  
 Johannes Schweizer, Mountain View, CA;

## Domestic Priority data as claimed by applicant

 AND ~~THIS APPLN~~ CLAIMS BENEFIT OF 60/196,460 04/11/2000

AND CLAIMS BENEFIT OF 60/196,528 04/11/2000

AND CLAIMS BENEFIT OF 60/196,527 04/11/2000

AND CLAIMS BENEFIT OF 60/196,267 04/11/2000

AND CLAIMS BENEFIT OF 60/182,296 02/14/2000

AND CLAIMS BENEFIT OF 60/176,195 01/14/2000

AND CLAIMS BENEFIT OF 60/170,453 12/13/1999

WHICH AND CLAIMS BENEFIT OF 60/162,498 10/29/1999

AND CLAIMS BENEFIT OF 60/160,860 10/21/1999

AND CLAIMS BENEFIT OF 60/134,118 05/14/1999

AND CLAIMS BENEFIT OF 60/134,117 05/14/1999

AND CLAIMS BENEFIT OF 60/134,114 05/14/1999

## Foreign Applications

AND A CIP OF 09/570,364 05/12/2000

AND A CIP OF 09/569,525 05/12/2000

AND A CIP OF 09/547,276 04/11/2000

 THIS APPLN IS A CIP OF  
 09/710,059 11/10/2000  
 WHICH IS A CIP OF 09/644,017  
 10/13/2000  
 WHICH IS A CIP OF 09/529,118  
 05/12/2000



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 7232

<b>SERIAL NUMBER</b> 09/724,553	<b>FILING DATE</b> 11/28/2000 <b>RULE</b>	<b>CLASS</b> 514	<b>GROUP ART UNIT</b> 1646	<b>ATTORNEY DOCKET NO.</b> 020054-001130US
------------------------------------	---	---------------------	-------------------------------	---

## APPLICANTS

Peter S. Lu, Mountain View, CA;  
Joshua D. Rabinowitz, Mountain View, CA;  
Johannes Schweizer, Mountain View, CA;

RECEIVED

AUG 14 2001

TECH CENTER 1600/2900

## \*\* CONTINUING DATA \*\*\*\*\*

THIS APPLICATION IS A CIP OF 09/710,059 11/11/2000 \*  
WHICH IS A CIP OF 09/688,017 10/13/2000  
WHICH IS A CIP OF 09/570,118 05/12/2000  
AND CLAIMS BENEFIT OF 60/196,460 04/11/2000  
AND CLAIMS BENEFIT OF 60/196,528 04/11/2000  
AND CLAIMS BENEFIT OF 60/196,527 04/11/2000  
AND CLAIMS BENEFIT OF 60/196,267 04/11/2000  
AND CLAIMS BENEFIT OF 60/182,296 02/14/2000  
AND CLAIMS BENEFIT OF 60/176,195 01/14/2000  
AND CLAIMS BENEFIT OF 60/170,453 12/13/1999  
AND A CIP OF 09/570,364 05/12/2000  
AND A CIP OF 09/569,525 05/12/2000  
AND A CIP OF 09/547,276 04/11/2000  
WHICH CLAIMS BENEFIT OF 60/162,498 10/29/1999  
AND CLAIMS BENEFIT OF 60/160,860 10/21/1999  
AND CLAIMS BENEFIT OF 60/134,118 05/14/1999  
AND CLAIMS BENEFIT OF 60/134,117 05/14/1999  
AND CLAIMS BENEFIT OF 60/134,114 05/14/1999  
(\* ) Data inconsistent with PTO records.

FILE COPY

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\* SMALL ENTITY \*\*

\*\* 04/16/2001

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b> 19	<b>TOTAL CLAIMS</b> 17	<b>INDEPENDENT CLAIMS</b> 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

## ADDRESS

20350

## TITLE

Molecular interactions in hematopoietic cells

☐ All Fees☐ 1.16 Fees ( Filing )